



Product information

Stainless steel/PTFE full bore ball valve with internal threads. Suitable for mainly acids and salt solutions, solvents, alcohols, and petroleum products.

| | |
|----------------------|-----------------|
| Dimension range (DN) | 10 - 100 |
| PN | 63 |
| Temperature (°C) | -20 - 200 |
| Main material | Stainless steel |



Area of use

Shut-off valve mainly for the following:
Acids and salt solutions.
Solvents and alcohols.
Petroleum products.

Tender text

PSB.1 Ball valves

Ball valve AT 3535A, made of stainless acid-resistant steel, full bore, PN 63, lockable handle.

Quality assurance

PED 2014/68/EU, AFS 2016:1

Testing is carried out according to ISO 5208. Leakage class A applies to the valve type. Inspection certificate SS-EN 10 204, 2.2 is specified when ordering.

Product marking: Brand, connection/DN, PN and material.

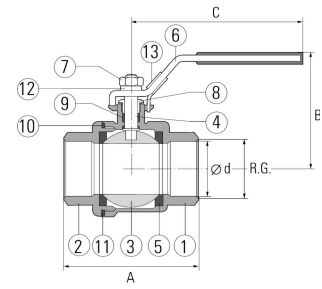
Energy and environment declaration

Product Bvb: Accepted

Product BVB ID: 8326

SundaHus: C-

| Pos | Component | Material |
|-----|------------|--|
| 1 | Valve body | Acid resistant stainless steel AISI 316 (1.4408, CF8M) |



Measurements and weight

Dimension range (DN): 10 - 100

| DN | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 |
|-----------------|-------|-------|------|------|-------|------|------|------|-------|------|------|
| A | 50 | 50 | 58 | 65 | 80 | 92 | 105 | 125 | 155.6 | 183 | 240 |
| B | 48 | 48 | 52 | 61 | 65 | 79 | 83 | 97 | 129 | 138 | 175 |
| C | 91 | 91 | 103 | 111 | 126 | 154 | 154 | 191 | 244 | 244 | 315 |
| Net weight (kg) | 0.195 | 0.205 | 0.29 | 0.44 | 0.615 | 1.08 | 1.49 | 2.56 | 5.04 | 8.15 | 18.4 |

Function and design

Two-piece ball valve with full bore and internal pipe thread according to DIN 259/2999, DIN ISO 228 (BSPP). Lockable lever. Blow-out proof spindle construction prevents the spindle from being pushed out during pressure surges.

Technical data

Main material: Stainless steel

Main material code: Acid resistant stainless steel AISI 316 (1.4408, CF8M)

Included materials: Stainless steel, Other

Included material code: Stainless steel AISI 304 (1.4301), Acid resistant stainless steel AISI 316 (1.4401), Acid resistant stainless steel AISI 316 (1.4408, CF8M), PTFE (polytetrafluoroethylene)

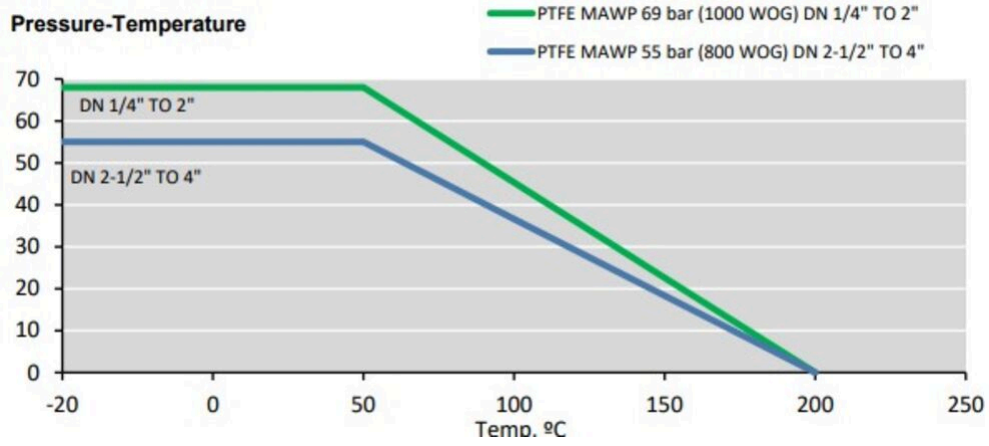
Temperature (°C): -20 - 200

PN: 63

Connection: Internal thread ISO 228-1 (G, BSPP)

ETIM classification: EC011343 - Ball valve

BK04 code: 20702 Ball valves



| Item number | KVS | Connection 1 - spec. | Connection 2 - spec. | Manoeuvring |
|-------------|-----|----------------------|----------------------|----------------|
| 3535A8 | 10 | 1/4 | 1/4 | Lockable lever |
| 3535A10 | 12 | 3/8 | 3/8 | Lockable lever |
| 3535A15 | 38 | 1/2 | 1/2 | Lockable lever |
| 3535A20 | 66 | 3/4 | 3/4 | Lockable lever |
| 3535A25 | 105 | 1 | 1 | Lockable lever |
| 3535A32 | 190 | 1 1/4 | 1 1/4 | Lockable lever |
| 3535A40 | 275 | 1 1/2 | 1 1/2 | Lockable lever |
| 3535A50 | 480 | 2 | 2 | Lockable lever |

| Item number | KVS | Connection 1 - spec. | Connection 2 - spec. | Manoeuvring |
|-------------|------|----------------------|----------------------|----------------|
| 3535A65 | 797 | 2 1/2 | 2 1/2 | Lockable lever |
| 3535A80 | 1210 | 3 | 3 | Lockable lever |
| 3535A100 | 1300 | 4 | 4 | Lockable lever |

Installation and maintenance

Flowdirection: Bi-directional

Possible mounting position: Vertical, Horizontal

The valve has internal pipe threads. For fluid steam, the maximum is 6 bar. The valve should be regularly operated to avoid the accumulation of dirt that can lead to leakage.

Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

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THE COMPANY'S MANAGEMENT SYSTEM
IS CERTIFIED BY DNV
ISO 9001 • ISO 14001